

From: [Nygaard, Kris J](#)
To: [Orme-Zavaleta, Jennifer](#); [Matthews, Lisa](#)
Subject: RE: Invitation: US EPA HF Technical Workshop on Well Construction/Operation and Subsurface Modeling
Date: Wednesday, March 20, 2013 9:04:13 AM

Hi Jennifer – this sounds very good. Let me know if there is a good time to call this afternoon as I am fairly flexible today, and I appreciate the information on pre-planning activities; this sounds very good such that my near-term travel would not impact the planning, so will be pleased to accept co-chair role. Also, thanks for call and email today, as I did not seem to receive the earlier email. I am looking forward to our conversation today.

Regards, Kris

Kris J. Nygaard
Senior Stimulation Consultant
ExxonMobil Production Co.
Upstream Fracturing Center of Excellence
713-656-3308 (office)
713-582-6687 (cellular)
kris.j.nygaard@exxonmobil.com

From: Orme-Zavaleta, Jennifer [<mailto:Orme-Zavaleta.Jennifer@epa.gov>]
Sent: Wednesday, March 20, 2013 6:56 AM
To: Matthews, Lisa; Nygaard, Kris J
Subject: RE: Invitation: US EPA HF Technical Workshop on Well Construction/Operation and Subsurface Modeling

Hi Kris, will touch base this afternoon, let me know what would be a convenient time for you. As Lisa noted, some work has already taken place. The prep calls are intended to help get the presenters ready and to orient other participants to the organization of the workshop and the discussion we hope to have. If you agree to co-chair, will share the abstracts of the presentations, and the list of participants. We can then talk before the workshop once you are back from your travels. Thanks!

Jennifer Orme-Zavaleta, Ph.D.
Director, National Exposure Research Laboratory
Office of Research and Development
US Environmental Protection Agency (D305-01)
109 TW Alexander Dr
RTP, NC 27711

Phone 919.541.2106
Fax 919 541-0445
Cell 919 699-1564
email: orme-zavaleta.jennifer@epa.gov

visit www.epa.gov/nerl

From: Matthews, Lisa
Sent: Tuesday, March 19, 2013 5:39 PM
To: Nygaard, Kris J
Subject: Re: Invitation: US EPA HF Technical Workshop on Well Construction/Operatiqon and Subsurface Modeling

There is not a lot of planning work for the co-chair. We hope you'll accept. Feel free to call me tomorrow if you have questions.

Sent via BlackBerry

From: Nygaard, Kris J
Sent: Tuesday, March 19, 2013 5:32:04 PM
To: 'hfdw@erg.com'
Cc: Matthews, Lisa
Subject: Re: Invitation: US EPA HF Technical Workshop on Well Construction/Operatiqon and Subsurface Modeling

Msg Class:Unclassified

Sarah, Lisa - thank you very much for the invitation and I am confirming my availability and participation in the workshop.

Lisa, I have been traveling and out of office the last week, and will follow up on a phone message I just received today from Jennifer regarding the co-chair opportunity for the workshop.

Notionally, I am interested and very much appreciate consideration for this opportunity. One element I wanted to discuss with Jennifer is that I do have currently scheduled out of town work commitments for 2 of the next 3 weeks and depart for China this Saturday. So pending the level of pre-planning and coordination activities remaining for the co-chair role in advance of the workshop, I would not want my travel to impact the preparation process.

I have Jennifer's phone number and left voice message for her this afternoon, and will plan to close the loop on this with her tomorrow.

Thank you again for the invitation to participate,

Regards, Kris

Kris J. Nygaard
Senior Stimulation Consultant
ExxonMobil Production Co.
Upstream Fracturing Center of Excellence

713-656-3308 (office)
713-582-6687 (cellular)
kris.j.nygaard@exxonmobil.com

From: hfdw [<mailto:hfdw@erg.com>]
Sent: Monday, March 18, 2013 02:12 PM
To: hfdw <hfdw@erg.com>
Cc: matthews.lisa@epa.gov <matthews.lisa@epa.gov>
Subject: Invitation: US EPA HF Technical Workshop on Well Construction/Operation and Subsurface Modeling

Sent on behalf of US EPA Office of Research and Development

Dear Invited Participant:

Thank you for your application to participate in EPA's Well Construction/Operation and Subsurface Modeling Technical Workshop. **I am pleased to inform you that you have been selected to participate in the workshop to be held on April 16-17, 2013 at the EPA Campus in Research Triangle Park, NC. Please email Sarah Greenberg at hfdw@erg.com by 5:00 pm EDT Thursday, March 21, 2013 to confirm your participation.** Your participation will help ensure that EPA has access to a broad and balanced range of expertise and data from outside the Agency. Please note that this invitation is not transferable; if you are unable to attend, please let us know.

An agenda will be emailed to participants prior to the start of the workshop. It is expected that all confirmed participants stay for the duration of the workshop. The workshop format will consist of invited presentations on research and technical information on topics consistent with the workshop themes, followed by technical discussion among all participants. Individual subject-matter experts will have an opportunity to provide technical feedback and input on workshop topics. Open dialogue is encouraged during the discussion sessions, and EPA does not desire nor expect consensus on discussion topics. EPA hopes that workshop discussions will inform focused subjects integral to hydraulic fracturing to enhance the overall study, increase collaborative opportunities and provide ideas regarding additional possible future research. Presenters for the workshop will be contacted in a separate email. Persons who submitted an abstract and were not selected to make a presentation will be invited to present a poster during the lunch break.

This workshop will be held at the EPA-RTP Campus Main Auditorium located at 109 T.W. Alexander Drive, Research Triangle Park, NC. Information for people traveling to the EPA-RTP Campus is available at <http://www.epa.gov/rtp/campus/location/location.htm>. All visitors to EPA will be required to go through a security check. Those with laptops will be required to present and verify the serial number for the laptop. Please allow up to 10 minutes to pass through security when estimating travel time.

Travel arrangements and hotel reservations are the responsibility of the workshop participants. EPA has not reserved rooms at any area hotel. Participants should expect the workshop to begin at 8:30 am on April 16 and end by 12:30 pm on April 17. EPA recommends traveling on the day prior to the workshop and departing mid-afternoon on April 17. Please see the attachment which contains information on hotels close to the conference facility and other logistical information. Lunch will be on your own; there is a cafeteria on site.

Thank you for sharing your expertise by participating in this important process. EPA places a high value on the information you can provide as a technical expert. If you have any questions, please contact Lisa Matthews of EPA's Office of Research and Development at 202-564-6669.

ERG Conference Services
110 Hartwell Avenue
Lexington, MA 02421
781-674-7272
781-674-2906 (fax)
hfdw@erg.com